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Electron Devices Meeting, 2003. IEDM '03 Technical Digest. IEEE International Electron Devices Meeting, 2003. 10 Dec. 2003

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2 Manipulation of ferromagnetism in magnetic semiconductor field effect transistors
Ohno, H.;

Device Research Conference, 2002. 60th DRC. Conference Digest , 24-26 June 2002

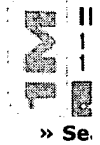
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3 Semiconductor spintronics using ferromagnetic semiconductor heterostructures
Ohno, H.;

Magnetism Conference, 2002. INTERMAG Europe 2002. Digest of Technical Papers 2002 IEEE International , 28 April-2 May 2002

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4 Optoelectronic quantum telecommunications based on spins in semiconductors
Yablonovitch, E.; Jiang, H.W.; Kosaka, H.; Robinson, H.D.; Rao, D.S.; Szkopek, J.
Proceedings of the IEEE , Volume: 91 , Issue: 5 , May 2003



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1 Development of the spin-valve transistor

Monsma, D.J.; Vlutters, R.; Shimatsu, T.; Keim, E.G.; Mollema, R.H.; Lodder, Magnetics, IEEE Transactions on , Volume: 33 , Issue: 5 , Sept. 1997
 Pages:3495 - 3499

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2 Size dependence of the magnetic and electrical properties of the spin valve transistor

Sungdong Kim; van't Erve, O.M.J.; Vlutters, R.; Jansen, R.; Lodder, J.C.; Electron Devices, IEEE Transactions on , Volume: 49 , Issue: 5 , May 2002
 Pages:847 - 851

[\[Abstract\]](#) [\[PDF Full-Text \(245 KB\)\]](#) **IEEE JNL**

3 Matrix model of spin transistor

Kamboh, M.A.; Chowdhry, B.S.; Rajput, A.Q.K.; Nanotechnology, 2003. IEEE-NANO 2003. 2003 Third IEEE Conference on , Volume: 2 , 12-14 Aug. 2003
 Pages:889 - 891 vol. 2

[\[Abstract\]](#) [\[PDF Full-Text \(385 KB\)\]](#) **IEEE CNF**

4 The quest for the SPIN transistor

Zorpette, G.; Spectrum, IEEE , Volume: 38 , Issue: 12 , Dec. 2001
 Pages:30 - 35

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